MOBILITY 1.3.0 RELEASE NOTES

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1. CLAS MODULE

Mobility has been modified to download, display and report on DOT TDO Collision Location Analysis System data (CLAS). Data will be downloaded from DOT once a month and will include new collisions and changes to previous collisions once they are processed by DOT. This is a 'read-only' module - data can not be changed in Mobility. DOT TDO, however, is building a web application to update the County Location Coding Form (CLCF).

CLAS has been integrated into Mobility and has a similar 'look and feel' to the existing interface. Users with access to CLAS data can select the CLAS option in the 'Select Features' box and CLAS records will display in the feature list according to the selected road.

Navigation of a CLAS record is made easy with the use of tab controls. For example when viewing a CLAS record a user can readily see the accident number, date, etc. Clicking on the 'Vehicles' tab displays the vehicles involved in the selected collision. From the 'vehicles' screen, clicking on 'view' displays data about the selected vehicle, including driver and passengers.

2. CANNED & CUSTOM REPORTS

<u>CANNED REPORTS:</u>
Collision Summary Report
Provides useful Collision summary information from CLAS data such as Date, ADT, Weather, Severity, Light, Contributing Circumstances, etc. This report also makes use of powerful sorting and filtering controls.

Network Condition Report
Calculates and displays average PSC's for each pavement type as well as the average overall PSC for each rehabilitation year. The last page of the 'Network Condition' report displays a chart that summarizes the data. PMS project generation should be run before running this report.

Feature List Report
This frequently requested report allows the user to choose features that will be displayed on the report as if 'driving the road'. Mileposts and other miscellaneous information for each feature provide data for many uses. Several filters such as features, roads, jurisdiction, and function class are available to refine each report. Experiment with this report – it can easily provide answers to many questions such as:

What segments are in city jurisdiction?
        (Select RoadLog Segments and Jurisdiction Code 7)
What are our Rural Minor Arterials?
        (Select RoadLog Segments and Function Class Code 06)
What Rural Local Access roads are in city jurisdiction?
        (Select RoadLog Segments, Function Class Code 09 and Jurisdiction Code 7)
What Streetlights is the county responsible for?
        (Select Street Lights and Jurisdiction Code 5)
What are all the reference points in county Jurisdiction? (Select Reference Points and Jurisdiction Code 5)

At least one feature must be selected (i.e. Reference Points, Road Log Segments, Signs, etc.) for this report to generate data. All other filter selections are optional.

CUSTOM REPORTS:

qCLASCLCF
Replication of the CLCF (County Location Coding Form) displaying data downloaded from DOT.

qCLASCollision
Expanded version of canned Collision Summary (see Canned Reports).

qCLASIntersectionCollisions
General collision data including information about units (vehicles) 1 and 2. Intersection collisions are collisions that have been coded in the CLCF with a junction relationship of an intersection or round about.

qCLASNoCLCF
Collision data that was received from DOT with no location information (road number and milepost).This view selects records that DOT has entered initial collision report information but has not entered CLCF information.

qCLASCrashCrossCheck
This view joins information from CLAS and the Crash data converted from CRIS or added since Mobility deployment based on accident number. It gathers data for each accident that has different road numbers and/or different mileposts in each of the Collision data sources. This view will aid in checking for errors in existing data vs. new CLAS data.

qPMSRehabs
Commonly referred to as a '5-Year Plan' and very popular in CRIS. This view has been improved for this release with the addition of Maintenance District and Right and Left Shoulder Types and Widths.

qSurfaceCondRating
'Lanes Rated' and 'Surface Hist Pavement Year' were added to this existing view. Listing Roadlog Pavement Year and Surf Hist Pavement Year can be useful in determining validity of Pavement Year in Roadlog.

qReferencePoints
This view has been updated with the addition of Map Reference, Maintenance District, Node ID (relates to CRIS Node number), Pavement Rating Group and Jurisdiction Code.

qTrafficStudyMostRecent
qTrafficStudyMostRecent lists the same fields as qTrafficStudy, but selects only the most recent traffic study at each unique location. The most recent date is determined by the [End Date] of each study.

qSurfaceHistory
Lists all fields on the Surface History Screen, sorted by Road Number, BMP, Surface History Pavement Year and Surface Material. Includes Road name, from and to locations and length of project.

qSurfaceHistoryMostRecent
Lists same fields as qSurfaceHistory, but selects only the records with the most recent Pavement Year.

3. FEEDBACK REPORT ISSUES & MISC

Report #

446	A Federal Route is now <u>required</u> whenever a road log segment has a Federal Function Class of 02 (Major Arterial), 06 (Rural Minor Arterial), 07 (Rural Major Collector), 08 (Rural Minor Collector), 12 (Urban Principal Arterial, other freeways or expressways), 14 (Urban Principal Arterial, other), 16 (Urban Minor Arterial), or 17 (Urban Collector)
468	An Urban Area Code is now <u>optional</u> when a road log segment has a Federal Function Class of 00 (Proposed or projected; private; non-county system road). (Jurisdiction must <u>not</u> be 05)
516	Appropriate error handling now insures that a user cannot enter a milepost greater than 999.99
598	On the Roadlog/Cross Section form, Sidewalks are now listed left to right to be consistent with the other road log segment features
637	The Audit Trail dialog box displays when a road is deleted
454	When a new road is created, that road is immediately selected/highlighted in the road list, available for features to be added
447	When editing a road, all 'Affected Records' can be seen using the new vertical scroll bars
436	A close button has been added to the bottom of Mobility inventory forms. Clicking on the close button after editing a record will aid in preventing confusion about what record is displayed
652	Traffic Study Count Station ID is displayed in the Feature List
568	Routines have been written to import surface condition ratings that have been gathered by consultants and/or counties using VisRate
371	Intermittent error in Edit Road routine has been resolved
489	Surface History Clone now working correctly – <u>Clears</u> Mileposts, length, location; <u>Copies</u> Lane/Material grid, project info, date
626	Surface History Material no longer allows nulls – error message box displays
491	Sign Plate Lookup table problems have been resolved

MISCELLANEOUS

1) A status bar has been added to the **Edit Road** Box to provide feedback to the user that processing is occurring.

2) In the **Decision Tree Rule Collections** edit screen, the Rule Collections are sorted by Surface Type.

3) Positioning the cursor in the '**Select Features**' box and right clicking will display a pop-up box giving the user the option to 'Select All' or 'Clear All' features for display in the Feature List.

4) When exiting the **Custom Report** screen, the user is prompted to save the report layout if desired.

5) When manually typing a view name in **Custom Reports**, the name is no longer case sensitive.

Thank You for taking the time to read this document. We hope that Mobility 1.3.0 further enhances your job performance. As always, don't hesitate to call **(360.664.3299 X-243**) or email mobsupport@crab.wa.gov if you have questions or concerns.